

FOLIO

UNIVERSITY OF ALBERTA
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Academic priorities must drive budgetary decisions - President Davenport

Administration looking ahead to the 1993-94 budget

Members of the University community must continue to work together to ensure that academic priorities drive budgetary decisions, and not the other way around, President Paul Davenport and Vice-President (Academic) John McDonald urge.

"We need to maintain our determination—so evident in the hard work and community spirit of our staff and students during the last several years—that we will not abandon our commitment to excellence during difficult budgetary times," the President states in a recent memo to Deans, Department Chairs and Administrative Council members.

In sharpening the planning for the University's 1993-94 budget, he says that the restructuring process begun in early 1991 will continue because: a provincial deficit of \$2.3 billion is forecast for 1992-93 by Provincial Treasurer Dick Johnston, spending control legislation is now in force, and Advanced Education Minister John Gogo has indicated that universities will likely have to cope with grant changes over the next five years of between -2 percent and 0 percent per year.

"Part of our commitment to excellence will be a continued emphasis on selectivity in setting our priorities, and on matching our budget allocations to those priorities." The President pointed out that Vice-President McDonald will be working with Deans as they prepare for selective decision-making.

"Discussions at Deans' Council, the President's Advisory Council of Chairs, and in the

wide variety of meetings held on campus with regard to budgetary matters, indicate broad support among students, faculty, Deans, Chairs, and Directors for the selective approach to budgeting," President Davenport continued. "I believe this solidarity in support of excellence should be a source of real pride to all in our community."

Glenn Harris, Vice-President (Finance and Administration), estimates that to balance the budget in 1993-94, the University must make hard expenditure reductions of between \$2

million and \$7 million. At this time, the onus is on "estimates" because, owing to the leadership change, the University may not have a firm operating grant statement from the government until April or later. (In recent years, the operating grant has been announced in early January.) In addition, uncertainty still surrounds the 1993-94 salary settlements, enrollment and tuition revenues, and capital budget revenues.

"It will be argued by some that the province's political and financial situation could change significantly, and that these chilling forecasts will not come to pass," Harris writes in "Planning Guidelines for 1993-94 Operating Budget." "The province's large deficit [in excess of \$14 billion] is undeniable, however, and the argument in support of severe expenditure controls is compelling."

Harris does say, however, that "some comfort can be taken in the fact that, in contrast to recent years, no structural deficit will be carried forward in the new budget year."

President Davenport says: "I am aware of the stress caused in our University community by the uncertainties of our annual budgetary situation, but I see no practical way to remove those uncertainties. At the same time, we need to remember that the longer term perspective on the budget will involve continued severe restraint under any reasonable assumptions, and the uncertainties and budget variations within any particular year need to be seen in that context."

ADMINISTRATION SCHEDULES BUDGET FORUM

"The Vice-Presidents and I are eager to hear the views of individuals in all parts of our University community on the budgetary challenges we face," says President Paul Davenport.

Accordingly, a budget forum titled "Keeping Academic Priorities First" has been scheduled for 25 November in Myer Horowitz Theatre, SUB, from noon to 2 pm. The forum is open to all students and staff.

The forum, President Davenport says, will follow similar campus-wide meetings in each of the last two years which "provided important input to the budget process."

Budgetary timetable

According to Vice-President (Finance and Administration) Glenn Harris, individual Vice-Presidents are providing instructions that are specific to units in their portfolios. The general process is as follows:

- Unit plans will be received by mid-December. (As part of this activity, units are being asked to describe initiatives under development that are designed to achieve longer term savings or that are of strategic importance.)
- In the interim, General Faculties Council and the Board of Governors will be asked to consider and approve the statement of budget principles.
- Individual meetings between Deans/unit heads and their Vice-Presidents will take place before the end of January.
- Unit-level budget recommendations that are being made to the Planning and Priorities Committee and the Board will be communicated to Deans and unit heads as early in February as possible.
- The 1993-94 budget will be reviewed in committee during March and April, and eventually approved by the Board at the beginning of May.



PRUD'HOMME WORKS WONDERS FROM HOLDING CELL

Whisked from a meeting on campus to court at Eaton Centre where bail was set at \$600, Linda Prud'homme's first thought in the holding cell might have been of dial a prayer. Instead, the assistant to Agriculture and Forestry Dean Ed Tyrchniewicz called friends and colleagues, explained her "jail and bail" predicament and raised \$735 for the Canadian Cancer Society in just over three hours. (The holding cell was equipped with telephones and pledge sheets as well as a U of A directory supplied by the Dean's office.)

Prud'homme (wearing cap and a smile of accomplishment tinged with relief), was arrested 28 October by retired firefighters Charlie Morland, left, and Norman Motkosky, on charges of "working both sides of the street," a reference to her participation in former pranks. She appeared before Judge Allen Manning (CFRN), Bailiff Roxanne Prunkl (an MBA Society volunteer) and a jury of Cancer Society volunteers. Prud'homme says thank you to all who helped bail her out.

Get used to playing by European rules, economist Lester Thurow advises

Faculty of Engineering instrumental in bringing MIT guru to town

If the man on the moon came to watch North Americans play football, he'd notice the game has a lot of time outs, a lot of huddles and unlimited substitutions—in short, it's a very slow, bureaucratic game.

"The game the rest of the world plays has no time outs, no huddles and very limited substitutions. It's a faster game," says Lester Thurow, Dean of the Massachusetts Institute of Technology's Sloan School of Management.

"Of course, the problem is that you and I are going to learn how to play economic soccer. They're not going to learn how to play our football. They're three-quarters of the world, we're one-quarter of the world. And we're not very good at playing soccer," said Dr Thurow, who spoke in Edmonton 5 November in conjunction with the Faculty of Engineering's Poole Engineering Management Eminent Speakers Series.

Addressing a large business and academic audience, Dr Thurow used the football-soccer metaphor to demonstrate that the economic

rules of the game are going to be increasingly dictated by nations like Germany.

"At the moment we're having a temper tantrum. Jump up and down and scream, 'they're cheating'," said the prominent American economist and writer (his most recent book, *Head to Head: Coming Economic Battles Among Japan, Europe and America*, is a futuristic assessment of the emerging new economic world order).

Dr Thurow argued that North Americans believe individuals should have a strategy for getting rich and that businesses should have profit-maximizing strategies. Then it all ends. "In Japan and in Germany, they also believe individuals should have strategies for getting rich and firms should have business strategies, but it doesn't all end." They also believe in the business group. The Germans put a premium on government and industry working together, he said.

Continued on page 3

BOARD OF GOVERNORS

BRIEFS

Board approves Agriculture-Forestry programs

The Board of Governors, at its regular meeting 6 November, approved the establishment of a BSc degree program in Nutrition and Food Sciences and a BSc degree program in Environmental and Conservation Sciences.

The two Faculty of Agriculture and Forestry programs were endorsed by General Faculties Council last month.

Board member Bob Rosen said the Faculty must make a special effort to cultivate strong relationships with its industrial partners.

The changes are, in part, a result of the University's restructuring efforts and, in part, a result of the Faculty's own initiatives, Vice-President (Academic) John McDonald told the Board. He said the Faculty did consult extensively with its "valued publics" at the grass roots level.

The Vice-President said the creation of the new programs resulted from bringing some strengths together.

Home Economics' Human Ecology degree approved

The Board approved the Faculty of Home Economics' proposal for a BSc in Human Ecology degree program. The proposal was approved last month by General Faculties Council. No new resources are necessary. The program is also a result of the University's restructuring efforts.

Science gets clearance for its programs

The Board approved the Faculty of Science proposal to offer honors and specialization degrees in environmental biology. The programs, which also have the blessing of General Faculties Council, will be offered jointly by the Departments of Botany, Entomology, Geography, Microbiology and Zoology. The programs are designed to prepare students for careers in environmental biology. Essentially, existing courses will be offered leading to the new degrees. No new resources are necessary.

Board member Winston Pei complimented the Faculties of Science and Agriculture and Forestry on their willingness to work together to ensure that the first year in their respective programs has many common, transferable courses.

Board member Al Hiebert, commenting on the Board's approval of several new initiatives, said, "We have somewhat endorsed the principle that when new programs are developed and established, it's not just another tack-on looking for more resources. The fundamental issue here is that when you add something, you also have to start looking where you take. This is very responsible."

Final meeting for three members

The 6 November meeting was the final meeting for three members whose terms have expired: Michael Welsh, Mary Lobay and Jake Superstein.

U of A to offer its first French-language graduate program

The first master's degree program offered in French west of Manitoba was approved last week by the Board of Governors.

The proposal for the establishment of an MEd (Educational Studies in Language and Culture) in the Faculté Saint-Jean had been put forward by the Faculty of Graduate Studies and Research.

The degree program is a response to teachers and administrators in the province who have wanted to develop expertise in the areas of French immersion and Francophone education.

"I consider the new MEd a major development in our young Faculty's history; not only an opportunity to offer new services on the graduate level, but, for our teaching faculty, new opportunities for research and growth," says Dean Jean-Antoine Bour.

Board member Mary O'Neill said the elementary and secondary schools in the province look to the Faculté to train teachers and administrators. "This is also an endorsement of one of the University's strengths."

"These opportunities for professional development are welcome news," commented Judy Gibson, executive director of Canadian Parents for French (Alberta Branch).

The proposal is subject to the provision of adequate external funding. The Faculté is assuming ongoing funding from the Secretary of State to establish and maintain the program and, if necessary, supplementary funding will be sought from the Protocol for Minority-

Language Education and Second-Language Instruction.

The first French-language graduate program to be offered by the U of A will have a multidisciplinary focus and will emphasize language and culture and the importance of bilingualism and multiculturalism in Canadian society. Students will be able to examine the implications of the country's language policies. The group of required core courses will provide students with a solid grounding in language and culture as they relate to French immersion and Francophone education and an understanding of the current research methodologies in education.

Students will be able to take one of two routes, a traditional route requiring the completion of core courses (15 credits) and a thesis, or a course-based master's requiring the completion of core courses, a research project (six credits) and 27 credits in graduate courses.

The program is designed for people who are already in the education field and the emphasis will be on problems and needs in the schools. Gibson points out that many immersion teachers are Francophones who have not had formal training in second language teaching methodologies, and many administrators in immersion settings are English-speaking. The MEd will enable more teachers who have worked their way up through immersion settings to assume administrative positions.

'Innovative Research Trends in the Human Sciences'

Not unexpectedly, planning for "Innovative Research Trends in the Human Sciences" has resulted in a packed program.

The University of Alberta and the Social Sciences and Humanities Research Council of Canada have built the two-day conference (27 and 28 November, 2-39 Corbett Hall) around the following issues: Building Teams and Partnerships; Rethinking the Research Agenda; Supervisory Relationships; Innovative Uses of Communications Technologies (including their demonstration); and Facilitation of Alternative Research Models.

The conference will also explore many offshoots of these issues, including: The Case for Research Collaboration Across Council Boundaries; Alternatives to the Scholarly Book and Article; Optimizing the Dissertation Experience; Innovative Uses of Library Network Resources; Establishment of a (North American) Consortium to Sponsor the Computer Network Publication of Refereed Journals; and Getting Electronic Journals Up and Running.

Louise Dandurand, Secretary General of SSHRC, will open the conference by telling of the growing importance of collaborative research for the Council. The next presentation, by Ian Lancashire and Elaine Nardocchio, will address research newly emergent from technology and technology's potential for reconfiguring human sciences disciplines. (Professor Lancashire is Director of the University of Toronto's Centre for Computing in the Humanities; Professor Nardocchio, of McMaster University, is President of the Consortium for Computers in the Humanities.) RL Busch, Associate Vice-President (Research), University of Alberta, will then speak on the topic "Opportunities and Challenges Inherent in Recent Collaborative Trends."

Matthew Spence, President of the Alberta Heritage Foundation for Medical Research, will have more to say on collaboration in his keynote address, "Jumping the Wall."

Speakers from the United States and Europe will be presenting on the academic uses for relational graphic databases and the use of telecommunications networks to support broadly based academic collaboration. Additionally, the case for research on computer-assisted instruction will be presented, and the experience of recent efforts to stimulate information exchange and research through the U of A-based Government Interchange Program will be discussed.

U of A faculty participating in the conference include Allen Dobbs, Director of the Centre for Gerontology; Phyllis Woolley-Fisher, Director of the Government Interchange Program, Faculty of Business; David Marples (History); Terry Elrod (Marketing and Economic Analysis); Milt Petruk (Educational Administration); Doug Poff, Head of Information Technology Services; and Robert Silverman (Sociology).

Also addressing the conference are Harold Coward, Director of the Centre for Studies in Religion and Society, University of Victoria; David Hudson, Deputy Minister, Alberta Consumer and Corporate Affairs; Peter van Huisstede, a researcher in the University of Utrecht's Department of Computers and Humanities; Brendan Cassidy, Department of Art and Archaeology, Princeton University; Carolynne Presser, Director, University of Manitoba Library; and Timothy Stephen, Department of Language, Literature and Communications, Rensselaer Polytechnic Institute.

Registration is being handled by Eileen Crookes, Coordinator of Programs, Research Grants Office, 1-3 University Hall, 492-1838.

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RUTHERFORD AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING

The Undergraduate Teaching Awards Committee (UTAC) reminds the University community that nominations are now being sought for the annual Rutherford Award for Excellence in Undergraduate Teaching.

The purpose of the Rutherford Award is to recognize excellent teaching, to publicize such excellence to the University and the wider community, to encourage the pursuit of excellence in teaching, and to promote informed discussion of teaching and its improvement at the University of Alberta.

Nominations are made by Faculties that teach undergraduate students, and information about the nomination procedures and adjudication criteria has been sent to those Faculties. Nominations should be made through a Faculty committee and submitted by the Faculty to the Secretary of UTAC, 2-5 University Hall. Anyone who needs assistance and advice in preparing nominations should contact Ms Bente Roed, Education Director, University Teaching Services, 215 Central Academic Building (492-2826). The deadline for receipt of award nominations is 12 February 1993. In most cases, individual Faculties have established earlier deadlines to allow for internal adjudication procedures.



University
of
Alberta

Computing Science working with private sector to give students work experience

Board of Governors approves industrial internship program

What would it be like to work for IBM, Systemhouse or Bell Northern Research? Some computing science students will know soon enough, thanks to the Department of Computing Science's establishment of an internship program.

The program, created in response to demand from students and the industrial sector, is strongly supported by companies such as IBM, and will be part of a recognized stream within the department's specialization and honors programs.

The Board of Governors, at its regular meeting last Friday, endorsed General Faculties Council's recommendation to approve the program. The program, piloted on a small scale during the academic years 1990-91 and 1991-92, is intended to provide students with work experience after they've finished their third year in the undergraduate program.

The IIP program is similar to many cooperative programs at the U of A and other universities. Most of these programs alternate shorter work terms with academic terms, but the IIP program has a single work term of 16 months, which includes a three-month orientation and training period.

The benefits are obvious: students gain valuable industrial experience and are able to select their final senior courses with an understanding of the needs of industry; corporations have a student "on-board" for an extended period of time and possibly hire the student after he or she has graduated; and the department and industrial players build valuable links. According to Department Chair Paul Sorenson, feedback from corporations on

students' skills can help the department in reviewing and developing its curriculum.

"There's a lot of interest out there among employers," says Dr Sorenson. "It's really an opportunity for employers to take a look at some of our best students, and they benefit from the students' energy and enthusiasm."

There's also a lot of competition for jobs, and if the U of A's Computing Science Department didn't have such a program, "it would put our students at a disadvantage," Dr Sorenson explains.

Student Roger Laforce, who began the program with Dow Chemical Canada Inc in May, says, "I think it's a great idea and it looks good on a résumé to have 16 months of continuous work experience." Summer jobs are getting tougher to find, so the opportunity to work in the computing field is important, he adds.

"I'll certainly be asking a lot more questions when I return [for the final fourth year]. And there'll be a much more rounded group of students in class."

Fred Strautman, supervisor of Dow's telecommunications group, said Dow was very pleased with the program. "We fully support the continuation of the program and recommend that other Faculties on campus take a close look at the advantages of these kinds of programs."

In May 1991, IBM (Toronto) urged the Department of Computing Science to consider the pilot project. Two students were placed, and both IBM and the students declared the pilot project a success. The department's Industrial Advisory Committee agreed that the

pilot project should be extended to the Edmonton area, so in May 1992 four local companies, DOW, AGT, Systemhouse and ISA, each hired an IIP student. IBM and Bell Northern Research (Ottawa) hired three and two students, respectively, in May 1992.

The department doesn't expect the program to break even for at least three years. Meanwhile, it will seek outside funding to support it. If it doesn't get the funding it needs, the department will consider reallocating internal funding and/or increasing fees to cover the costs.

The department now has about 20 honors students and 60 to 65 students in the specialization stream. "It looks as if initially we'll have about 15 students [in the IIP program] and maybe even 25," Dr Sorenson says.

The students also receive competitive wages for their work.

"It's more than the money, though," says Laforce, who is working on two major projects for Dow during his time with the company. Learning the theory in university is fine, but it's a great opportunity to work on meaningful projects and put some of that theory to use solving practical problems, he says. For example, Dow is installing a new computer system and Laforce is writing an interface program so the existing system and the new system can be linked.

Strautman said the fact the company has students for 16 months, rather than simply for a four-month stretch, means the company can assign the students more long-term projects—and that's in the company's interest because it's not training new students so often.

Photo Services

Thurrow

Continued from page 1

In the communitarian world, people also believe in national strategies. The aircraft manufacturing company, Airbus Industries, owned by the French, German, British and Spanish governments, was designed to crack the American monopoly on aircraft manufacturing. According to American business theology, that's not supposed to work. "But darn it, it kind of looks like it's working. It's driven McDonnell Douglas out of the aircraft business and taken market share away from Boeing. So what are we going to do about it?"

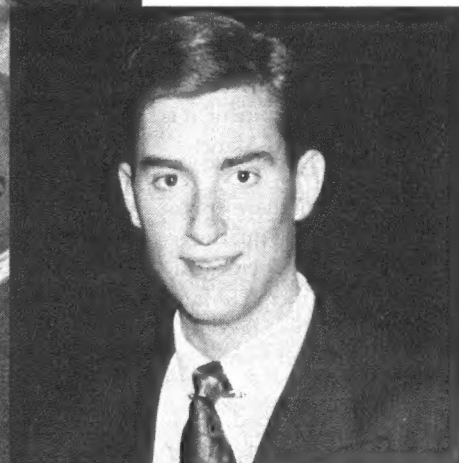
Later in the day, Dr Thurrow fielded questions from engineering and business students and professors. Addressing the issue of worker training and retraining, he said the United States and Canada do not have adequate systems of education for those students who don't go to universities. "Even if you have the world's best high schools, that's still not good enough in today's world."

Dr Thurrow said North Americans have to find ways of "changing the skills distribution". While Germany, Japan and the United States all have roughly the same percentages of their populations graduating from universities, the Japanese and Germans do extensive skills development with those people who don't go to university. The dropout rates in Germany and Japan aren't as high as in North America and Germany and Japan graduate higher percentages of students with engineering and science degrees.

Uneducated kids living down the street drive everyone else's wages down, he argued. The constant search for lower wages is an "American disease" and only leads to the extinction of industries. "A low wage, unskilled workforce is a mark of failure."



Lester Thurrow, Dean of MIT's Sloan School of Management, in full flight



Jeffrey Hamilton, who graduated from Electrical Engineering's undergraduate program with an 8.3 average, is the first recipient of the Professor IF Morrison Scholarship. Hamilton, who is now enrolled in the joint MEng/MBA program, received the award prior to the Lester Thurrow speech.

INSTRUCTIONAL FAIR '93: CALL FOR PARTICIPANTS

The Instructional Technology Centre will be hosting the Fourth Annual Instructional Fair on the afternoons of 16 and 17 March 1993. The Fair is jointly sponsored by the Faculty of Education and University Teaching Services.

David Mappin, Director of the Instructional Technology Centre, says: "If you are involved in an instructional project (innovative or otherwise) which makes use of communication or information technology and which you would be interested in presenting at Instructional Fair '93, we would be interested in hearing from you. Please feel free to suggest others who you feel may be interested in participating as well."

During last year's Instructional Fair, 15 technology-based, innovative instructional projects demonstrated examples of communication and information technologies in teaching and learning. Innovative ways of using technology in lectures, small group work, simulations, distance education, and individual study using computers, videotape or videodisc, CD-ROM, compact disk, and a variety of software were presented.

Enquiries should be directed to David Mappin, Instructional Technology Centre, B-117 Education North, telephone 492-3994.

READING GROUP WILL EXPLORE LEGAL ASPECTS OF FEMINIST THEORY

The Faculty of Extension's Applied Legal Studies Program is sponsoring Feminist Legal Circle, a reading group scheduled to meet once a month from November through April.

Organizers expect the reading group to be of interest to lawyers and others who want to explore legal aspects of feminist theory. Readings will be assigned each month.

The exploration of literature is an opportunity for participants to become acquainted with current theory and to understand the works of selected feminist writers. Group discussions will be led by moderator Lillian MacPherson, who teaches feminist legal theory in the Faculty of Law.

More information on Feminist Legal Circle and other Applied Legal Studies courses may be obtained by calling 492-5732 or 1-800-232-1961.

McCalla Professor delving into the baby boom

Doug O'ram eager to chronicle the period

History Professor Doug O'ram's planned history of the baby boom (roughly 1947 to 1962) could turn out to be on the hefty side.

"The baby boom has been a potent force in modern society, shaping the social, educational, political and cultural climate of the ensuing decades," he says. "In spite of the obvious impact of this generation there is much myth about this generation but very little in the way of major study."

The holder of a McCalla Professorship for 1992-93, Professor O'ram shouldn't encounter a shortage of raw material for such a study.

"As the shock wave of the baby boom passed through any age cohort it dramatically affected the institutions around it (family, school, universities, the job market), forcing each to adjust to greater numbers and new demands," he says.

Part of the popular myth, Professor O'ram continues, is that baby boomers are different in kind as well as numbers. "In many

ways they were a special generation who, from the beginning, occupied a central position in the social structure of the nation. They were babies when everybody seemed to be having babies, children with such access to money that national and international market fads catered to them. As adolescents, they engendered the rise of new cultural forms and created massive turmoil in the university system. Along the way, gender roles, which had seemed so fixed in their parents' lives, came apart.

"I intend to tackle the problem using a generational approach. At certain points in history the generational experience is sufficiently strong to make it a category of organization and analysis as powerful as such traditional themes as class, gender and ethnicity. The baby boom would seem to be such a generation."

Abuse of people with disabilities: McCalla Professor's concentrated study continues

People with a variety of disabilities more frequently become victims of violence than other members of society. Disability is associated with increased risk of child abuse, sexual assault, battery, and other related offences.

Since 1987, Dick Sobsey (Educational Psychology) has headed the abuse and disability project at the University of Alberta. The project is funded by Health and Welfare Canada and the Social Sciences and Humanities Research Council, and work to date has helped to provide a clearer picture of the nature of these offences and develop a model for understanding why they occur.

The 1992-93 McCalla Professorship awarded to Dr Sobsey will permit him to con-

tinue this research. Research objectives for the year include:

- completion of monograph linking research findings to practical prevention strategies;
- further development and refinement of the ecological model of abuse of people with disabilities;
- evaluation of the role of distortions in attachment as a factor linking abuse and disability;
- determination of best practices for coordination of the many disciplines (for example, counselling psychology, medicine, law, law enforcement, social welfare, education) involved in prevention and intervention; and
- comparison of the patterns of abuse found in Canada, the US and New Zealand.

Many intravenous drug users harbour 'illusion of unique invulnerability'

To date, 800 subjects have been interviewed for provincial study

In their ongoing study of intravenous drug use in Alberta, researchers Ann Marie and Louis Pagliaro have found that many people in the intravenous drug using community have a relatively high level of knowledge of HIV/AIDS.

"They know how the HIV is transmitted yet they perceive their risk of contracting HIV to be very low despite their reported high risk intravenous drug use and sexual behaviours." Although the study shows that their unsafe behaviours are associated with such factors as drug-induced cognitive impairment, the "ritual of fixing", and "laziness", many of the interviewees harbour an "illusion of unique invulnerability."

The PIARG (Pagliaro Interdisciplinary/Interagency AIDS Research Group) has collected data on approximately 800 subjects to date, about two-fifths of whom are women and one-third of whom are indigenous peoples. The ages range from 12 to 62 years with a mean age of 27 years. Asked what their usual occupation is, the majority of women said prostitution, and the majority of men said labourer.

The Pagliaros (Ann Marie is in Nursing, Louis is in Educational Psychology; both teach undergraduate and graduate courses in Substance Abusology) are effusive in their praise of those in Alberta's intravenous drug using community who participated in the study. "All respondents have taken part in the study on their own time and have received no remuneration. Out of nearly 800 face-to-face interviews, maybe four people have started the interview and not completed it even though the interview takes approximately one hour to complete and contains sensitive questions regarding high risk intravenous drug use and sexual behaviours."

Should PIARG, based in the Substance Abusology Research Unit in the Faculty of Nursing at the University Extension Centre, receive the funding it has requested from the Medical Research Council, it will interview an additional 1,250 subjects because "the more data we have the more accurate and generalizable the picture we get and the better the chances for success of the intervention strategies we hope to develop." The Alberta Solicitor General and the Alberta Alcohol and Drug Abuse Commission are formal members of PIARG and facilitate PIARG interviewers' visits to ASG facilities and AADAC treatment centres across the province.

The Pagliaros, who emphasize that they strive to bring a scientific health care provider/educator perspective to the study, estimate that there are in excess of 25,000 intravenous drug users in the province. Noting the general failure of emergency intervention strategies, such as needle-exchange programs, for chronic, hard core intravenous drug users, they say: "What is desperately needed is the development of research based strategies tailored to the needs of specific groups of people comprising the intravenous drug using community in Alberta."

PIARG's data collection and analysis will likely continue through summer 1993 and be followed by publication of the results. The Pagliaros plan to develop unique intervention strategies tailored to the specific needs of the intravenous drug using community of Alberta in consultation with a number of health care professionals and educators who have an association with the Pagliaros and PIARG. PIARG's co-directors are hopeful that these strategies can be implemented and tested the following summer.

CURRENTS



Canadian Federation of University Women

The Canadian Federation of University Women (Edmonton) will hold a meeting at the Faculty Club 16 November at 7:30 pm. Club member, Mary Kostash, will give a slide presentation on "Childhood in Art", a social history from medieval times to the present.

All women University graduates are welcome. For more information, call 435-1277.

Video playback equipment change

Health Sciences Media Services and Development announces that, because 95 percent of the requests it gets are for VHS equipment, it is phasing out all three-quarter inch/U-Matic video playback equipment.

HSMS&D will continue to purchase only VHS equipment to replace the three-quarter inch/U-Matic units by April 1993. There are a limited number of three-quarter inch/U-Matic machines available now, but as these become unserviceable they will be removed from inventory.

To ease the change for all concerned, HSMS&D will convert any three-quarter inch/U-Matic videocassette to VHS format cassettes for the cost of raw materials only (for example, a 30-minute tape will cost \$3.90).

To honour the copyright, the three-quarter inch/U-Matic tape will be destroyed after the VHS copy has been made.

Rooms 2-27 and 2-31 in the Medical Sciences Building (phone 492-6558) have VHS TV projection and 6-28 has permanent VHS TV projection.

Concert Choir holding fundraiser

On 21 November, at the Mayfair Golf and Country Club, the U of A Concert Choir will present its second annual fundraising dinner and evening of entertainment. The evening will feature a four-course meal accompanied by a variety of performances by individual choir members and an after-dinner program by the Concert Choir.

Tickets are \$50 per person (a tax receipt for \$22 will be issued upon request) and proceeds will be used to help finance the Choir's concert tour to British Columbia in May 1993. For further information or to reserve tickets, telephone ensemble director Debra Ollikkala at 492-2384 or 492-3263.

Retirement party for Glenn White

Mrs Glenn White will be the guest of honour at a come and go tea, 25 November from 3 to 5:30 pm in the Heritage Room of Athabasca Hall on the occasion of her retirement. For further information, contact Margo Young, Science and Technology Library, 492-7918, or Heather Johnson, Cameron Circulation, 492-3779.

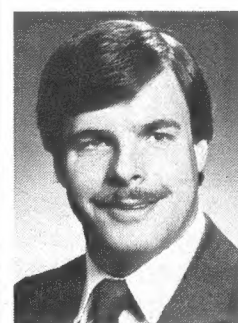
LAURELS



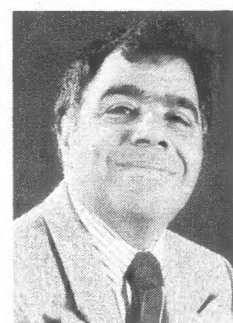
The Health Research Foundation's Medal of Honor has been awarded to Raymond Lemieux, Professor Emeritus of Chemistry. The award, sponsored by the Pharmaceutical Manufacturers Association of Canada and valued at \$50,000, is given only periodically (other recipients include Sir Alexander Fleming and Drs Charles Best and Edward Kendall). The Medal of Honor is reserved for scientists whose research within Canada has made an invaluable contribution to the advancement of international scientific understanding and the conquest of human disease. Dr Lemieux was the first scientist to synthesize sucrose, and his pioneering work in medical chemistry led to commercial applications that include the development and marketing of monoclonal antibodies.

The Canadian Polar Commission has appointed Gerald Lock (Mechanical Engineering) as the new Canadian representative to the International Arctic Science Committee regional board. Dr Lock is a member of the board of directors of the Canadian Polar Commission and chair of its international committee.

Joan Bottorff, the Faculty of Nursing's first PhD graduate, has been awarded first place in the Sigma Theta Tau region one dissertation competition. Region one takes in about 40 schools in the Pacific Northwest. Her dissertation is titled "Nurse-Patient Interaction: Observations of Touch."

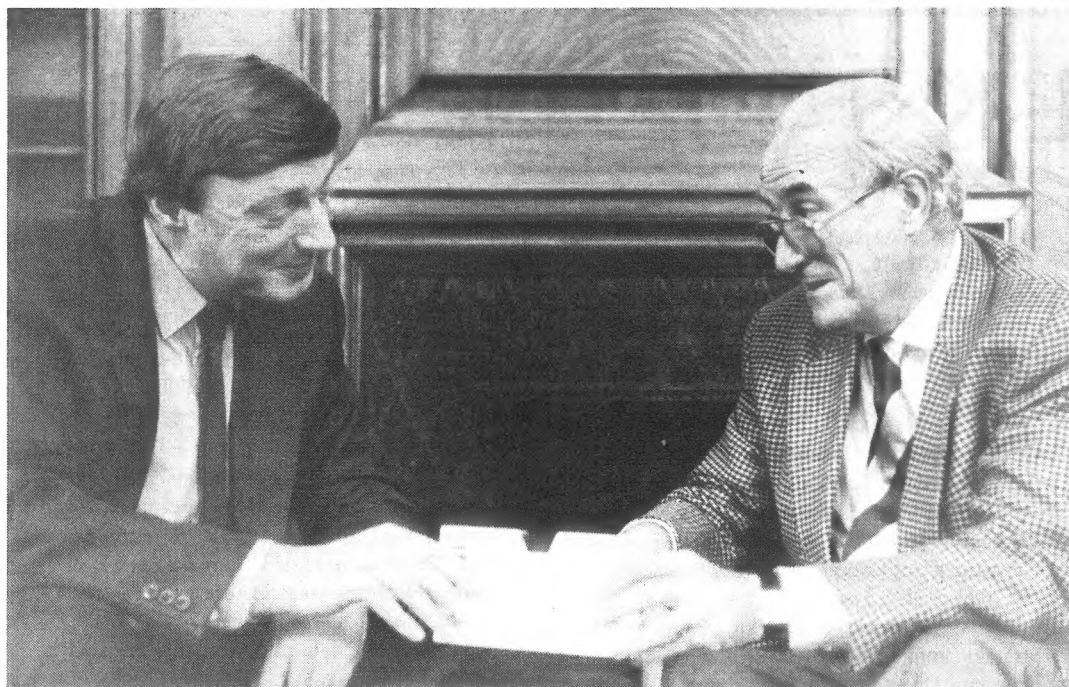


Murray Gray



Jacob Masliyah

Murray Gray, Chair of the Department of Chemical Engineering, has been appointed to the Natural Sciences and Engineering Research Council's chemical metallurgical engineering grant selection committee. In 1992, the committee funded 425 research grants worth \$12.5 million and 51 equipment grants worth \$3 million. Jacob Masliyah (Chemical Engineering) has been appointed to NSERC's international fellowships committee. The committee awards postdoctoral fellowships at Canadian universities to applicants from other countries.



Fabio Storelli, right, a well-known producer with Italian television (RAI) and an accomplished playwright, was a recent guest lecturer in the Department of Romance Languages. Dotti Storelli, whose major field of interest is adapting and serializing literary classics for television, subsequently donated videotapes of Italian plays from the RAI library to the department. Accepting the tapes is Department Chair Robert Thornberry.

Rodney Schneck appointed Dean of Business Faculty

Rodney Schneck has been appointed Dean of the Faculty of Business for a four and a half year term effective January 1993.

Dr Schneck has been Acting Dean of the Faculty since 1 August 1992.

He was appointed to the Faculty's Department of Organizational Analysis in 1966 and held the administrative posts of Associate

Dean (12 years); Acting Chair of Organizational Analysis (for one year); and Acting Dean (in 1983-84).

Dr Schneck teaches organizational theory and behaviour, business policy, public policy and the management of business and government, and is a recipient of the 1991-92 Labatt Award for Teaching Excellence. As a researcher, he is interested in organizational theory and behaviour, the effects of strong institutional environment on population dynamics and the structure of organizational fields and performance.

Dr Schneck is sought after as a teacher and consultant, having taught at the Banff School of Advanced Management, the Canadian Centre for Management Development in Ottawa (staff college for executive development of senior federal civil servants) and the Executive Development Programs for Alberta and Saskatchewan (he's currently director of the Alberta program). Dr Schneck has also conducted development programs for senior executives in companies such as the Royal Bank, Gulf Oil, Bow Valley Industries and Federated Cooperatives Ltd.

A native of Wetaskiwin, Alberta, Dr Schneck earned his BA and MBA degrees at the University of Denver and his PhD at the University of Washington.



Rodney Schneck

'Going for the gold' Volunteer painters restore lustre to ice arena

Noticing that the faded bleachers in Clare Drake Arena were at odds with the gleaming ice, the Golden Bears Hockey Alumni went on an extended power play.

Brian McDonald, who wears a jacket and tie by day as Associate Vice-President (Academic Administration) and a hockey jersey at night, helped lead the charge. Having been advised by Physical Plant that the state of the budget necessitates that all cosmetic projects be deferred in favour of work deemed essential, he spoke confidently of icing a team of painters.

A short while later, the alumni, some of their friends and some current Bears players, about 35 people in all, volunteered their time and, working at odd hours over a three-week stretch, cleaned the seating areas and handrails and bathed them in Golden Bears gold. All work was done by hand and in cooperation with the Division of Support Services, Faculty of Physical Education and Recreation.

With the University and a contractor supplying the paint and equipment, the job was accomplished at minimum cost. Clare Drake Arena, which hadn't undergone a paint job in at least a dozen years, was "really spruced up," Dan Pretzlaff, Building Trades Superintendent, Physical Plant, said. Physical Plant, he added, welcomes this kind of initiative and is totally supportive of it.

SEARCH FOR DEAN OF REHABILITATION MEDICINE

An Advisory Selection Committee has begun its search for a Dean of the Faculty of Rehabilitation Medicine. The appointment will take effect on or before 1 July 1993. Suggestions of possible candidates and comments on the leadership of the Faculty are invited.

Nominations or applications for the position, accompanied in the latter case by a detailed résumé of qualifications and experience, and the names of three referees, should be submitted by 28 February 1993 to: Dr W John McDonald, Vice-President (Academic), Third Floor, University of Alberta, Edmonton, Alberta T6G 2J9.

ACTIVITIES

Bonnie Neuman, Associate Registrar and Director of Admissions will, on 1 January, begin a one-year secondment to the Provincial Professions and Occupations Bureau. She will be structuring a Foreign Qualifications Credential Evaluation Service for Alberta. During this period, Sandra Jenkins will be the Acting Associate Registrar and Director of Admissions...Myer Horowitz (Professor Emeritus of Education) has been elected to the board of directors of the Vanier Institute of the Family. During the last year, Dr Horowitz served as Chairman of the Labour-Business Task Force for the Alberta Workers' Compensation Board. The task force will present its report to the WCB board of directors on 16 November. More recently, Dr Horowitz chaired the External Review Committee for The King's College...Golden Bears placekicker John Cutler gave Bob Snyder, Nova Vice-President, Edmonton and area, some tips on kicking and then held the ball for the ceremonial boot that launched the corporation's participation in the United Way campaign. The time donated by Cutler and his coach, Tom Wilkinson, was much appreciated, said Vern Skiba, the loaned representative responsible for Nova...MK Bacchus (Educational Foundations and Director of the Centre for International Education and Development) is back from the Caribbean where he led an international team that reviewed the Faculties of Education, Universities of the West Indies, Jamaica, Trinidad and Barbados.

EVENTS

EXHIBITIONS

ART AND DESIGN

Until 17 December

"Tommie Gallie: Pressure Points"—a local sculptor who works with wooden structures. Edmonton Art Gallery.

FAB GALLERY

Until 22 November

"Current Work Phil Darrah." Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Monday and Saturday, closed. 1-1 Fine Arts Building.

FILMS

GERMANIC LANGUAGES

24 November, 7:15 pm

Woyzeck (1979); 141 Arts Building.

8 December, 7:15 pm

Die Blechtrommel (1978); German with English subtitles, 141 Arts Building.

MUSIC

EDMONTON CHAMBER MUSIC SOCIETY

18 November, 8 pm

Talich String Quartet. Tickets available from The Gramophone, 10020 101A Street, 428-2356. Convocation Hall, Arts Building.

DEPARTMENT OF MUSIC

14 November, 8 pm

Opera Workshop.

15 November, 8 pm

Recital—The Hammerhead Consort.

22 November, 8 pm

Kilburn Encounters II. Presented as part of the Made in Canada Festival.

25 November, 12:10 pm

Noon Hour Organ Recital.

25 November, 8 pm

Symphonic Wind Ensemble concert.

All events take place in Convocation Hall.

SPORTS

BASKETBALL

13 and 14 November, 6:30 pm

Pandas vs Saskatchewan

13 and 14 November, 8:15 pm

Bears vs Saskatchewan

HOCKEY

20 and 21 November, 7:30 pm

Bears vs Brandon

U of A, U of C teaming up to promote petroleum-related education and training

The Universities of Alberta and Calgary are teaming up to form the Canadian Institute for Petroleum Industry Development.

The joint project will be incorporated as a not-for-profit institute and neither the U of A or U of C will be obligated to provide financial assistance to CIPID. Funding will come primarily from CIDA and various industrial players.

The purpose of the Institute is to be a centre for excellence in petroleum education and training (managerial, technical and professional), using Canadian expertise to assist Canada and other countries in the development of petroleum resources. The Institute will also help Canadian companies develop their abilities to function in the international petroleum industry.

"The University's long-standing support of and association with CIPID's predecessor, the Alberta Summer Institute for Petroleum Industry Development, provides solid evidence of the U of A's involvement with this

important program," President Paul Davenport stated in a letter to International Affairs Coordinator Brian Evans.

During the past decade ASIPID earned international recognition. In 1990, the program was reviewed by a federal task force and from that review emerged the recommendation that a new program be developed which would be a joint project of the two universities. As a result, they have gotten the new Institute off the ground and its board of directors includes significant representation from government, the private sector and the educational institutions.

A five-year business plan has been developed.

Organizers also are hopeful that alumni who are educated here will eventually assume positions abroad and make decisions about the purchase of petroleum industry goods and services, thus strengthening the Canadian petroleum industry.

ALBERTA CENTRE FOR WELL-BEING

25 November, 10 am

"Social Marketing Strategies." Edmonton Room, Centennial Library, Edmonton.

27 November, 9 am

"Health Promotion Fair."

GB-06 Education South.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

13 November, 4 pm

Gregory Gloor, Memorial University, Newfoundland, "Gene Targeting to Double-Strand DNA Break Sites in *Drosophila*." Presented by Genetics. G-116 Biological Sciences Centre.

ART AND DESIGN

24 November, 5 pm

Joe Fafard, visiting sculptor, will talk about his work. TL-12 Tory Lecture Theatre.

BOTANY

13 November, noon

Daniel Archanbault, "The Response of *Agrostis scabra* Willd., Tickle Grass, to an Environmental Catastrophe at Sudbury, Ontario." M-149 Biological Sciences Centre.

19 November, 3:30 pm

Stephen R Downie, Department of Plant Biology, University of Illinois, "Chloroplast DNA Evidence for Phylogenetic Reconstruction." M-149 Biological Sciences Centre.

3 December, 3:30 pm

Paul Glaser, Limnological Research Centre, University of Minnesota, "Climate, Groundwater, and the Development of Peat Landforms in the Glacial Lake Agassiz Region, Northern Minnesota." M-149 Biological Sciences Centre.

BUSINESS

20 November, 3 pm

Robert Myers, Wharton School, University of Pennsylvania, "Heuristics and Biases in Consumer Decision-Making." 4-16 Business Building.

26 November, 7 pm

Lynne Duncan, Deputy Minister, Alberta Advanced Education, "Postsecondary Education in Alberta: Challenges and Opportunities." Bernard Snell Hall, University of Alberta Hospitals, WMC - Level 1K2.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

17 November, noon

Nan Okun, Department of Obstetrics and Gynaecology, Royal Alexandra Hospital, "Gestational Diabetes." 2J4.02 Mackenzie Health Sciences Centre.

24 November, noon

Paul Byrne and Martha Piper, "Magnetic Resonance Imaging in High-Risk Infants." 2J4.02 Mackenzie Health Sciences Centre.

CHEMICAL ENGINEERING

19 November, 3:30 pm

ML Wayman, "Iron in History—Not Just Another Pretty Phase." 342 Chemical-Mineral Engineering Building.

COMPARATIVE LITERATURE AND FILM STUDIES

17 November, 3:30 pm

Monique Tschofen, "Race and Gender in Dany Laferrière's *Comment faire l'amour avec un Nègre sans se fatiguer*." Senate Chamber, Arts Building.

COMPUTING SCIENCE

16 November, 3:30 pm

Ursula M Maydell, "A Flexible Resource Allocation Method: The Flexible Knapsack Problem." 2-3 Mechanical Engineering Building.

DENTISTRY

14 November, 8:30 am

Canadian First Aid School, "Basic Rescuer CPR and Airway Management." Fee. Information and registration: Debbie Grant, 492-5023. 4069 Dentistry-Pharmacy Centre.

TALKS



20 and 21 November, 8:30 am

P Major and D Marston, "Clinical Photography: A Hands-On Approach." Fee. Information and registration: Debbie Grant, 492-5023. 4069 Dentistry-Pharmacy Centre.

ECONOMICS

13 November, 3 pm

Ranjan Ray, Delhi University and University of British Columbia, "Fiscal Federalism and the Optimal Level of Commodity Taxation with Illustrative Empirical Calculations for India."

8-22 Tory Building.

20 November, 3 pm

Angela Redish, professor, University of British Columbia, "Causes of the Great Depression in Canada: A Re-examination." 8-22 Tory Building.

23 November, 3 pm

John J Siegfried, professor of economics, Vanderbilt University, Tennessee, "Designing and Teaching the Economics Major." 8-22 Tory Building.

26 November, 3:30 pm

Ken Sokoloff, professor, UCLA, "Agricultural Seasonality and the Organization of Manufacturing in Early Industrialization." 8-22 Tory Building.

ENGLISH

16 November, 4 pm

Helen Tiffin, University of Queensland, co-author of *The Empire Writes Back*, and leading theorist of the Commonwealth/Post-colonialist Literatures, "Colonial Discourse and Malaria." L-3 Humanities Centre.

25 November, 4 pm

A panel discussion with Chris Wiesenthal, Isobel Grundy and Garry Watson, "What Makes Our Work Tick." L-3 Humanities Centre.

ENTOMOLOGY

19 November, 4 pm

Bruce Heming, "Origin and Fate of Germ Cells in Male and Female Embryos of *Rhodnius Prolixus* Stål (Hemiptera: Reduviidae)." TB-W1 Tory Breezeway.

26 November, 4 pm

Ross B Hodgetts, "Ecdysteroid Control of Gene Cascades in *Drosophila*." TB-W1 Tory Breezeway.

FAMILY STUDIES

16 November, 11 am

Deanna Williamson, "Income Maintenance Policy and Health Status in Families in Poverty." 3-57 Assiniboia Hall.

FOOD SCIENCE

19 November, 3:15 pm

Hanna Vaheri, "Bovine Spongiform Encephalopathy (BSE)." 1-13 Agriculture-Forestry Centre.

26 November, 3:15 pm

Lech Ozimek, "Genetic Variants of Milk Protein." 1-13 Agriculture-Forestry Centre.

FOREST SCIENCE

18 November, 3:30 pm

David L Wood, chair, Department of Conservation and Resource Studies, University of California, Berkeley, "Forest Health Issues: An Entomologist's Perspective." Myer Horowitz Theatre, SUB.

25 November, noon

Claude Labine, Campbell Scientific Corporation, "Industry-University Research Relationships." 849 General Services Building.

GENETICS

20 November, 4 pm

Valerie Williamson, University of California, Davis, "The Genetics of Plant/Nematode Interactions." G-217 Biological Sciences Centre.

GEOLOGY

26 November, 11 am

Alan Fryar, Bureau of Economic Geology, University of Texas at Austin, "Characterization of Ground-water Flow at a US Nuclear Site." 1-04 Earth Sciences Building.

GEOGRAPHY

13 November, 3 pm

Alfred Pletsch, University of Marburg, Germany, "Social and Economic Consequences of Germany's Unification." 3-36 Tory Building.

20 November, 3 pm

N Jaye Fredrickson, director, Planning and Strategic Initiatives, Alberta Region, Western Economic Diversification Department, "Western Economic Diversification: Policy in Action." 3-36 Tory Building.

GEOLOGY

13 November, 4 pm

RA Burwash and J Kramers, "GAC/MAC '93 Information Session." 1-04 Earth Sciences Building.

20 November, 4 pm

K Muehlenbachs, "Oxygen Isotope Compositions of the Oceans Over the Past Four Ga." 1-04 Earth Sciences Building.

HISTORY

18 November, noon

John Staples, "English-Dutch Whaling Dispute at Spitzbergen, 1613-1619." 2-58 Tory Building.

20 November, 3 pm

Gary Arbuckle, "The Death of God in Early Chinese Thought." 2-58 Tory Building.

26 November, 4 pm

Panel discussion on, "Hidden in Plain Sight: African American Women's History." With Leslie Schwalm, University of Iowa, and Susan Smith. Senate Chamber, Arts Building. Cosponsored by Women's Studies.

27 November, 3 pm

"Women and Slavery in Comparative Perspective," with presentations by Leslie Schwalm, University of Iowa, "Slavery and Freedom: African American Women on the Plantations of South Carolina," and Martin Klein, University of Toronto, "Domestic Labour and Field Labour: the Lot of Female Slaves in the West African Sahel." 2-58 Tory Building. Cosponsored by Women's Studies.

LAW

24 November, 8 pm

Allan Blakeney, former Premier of Saskatchewan, "Federalism and Democracy." 237 Law Centre.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

19 November, 12:30 pm

Ann-Marie Anderson, Alberta Environment, "Multi-Media Monitoring of Trace Metals in the Battle River." M-149 Biological Sciences Centre.

26 November, 12:30 pm

Peter Leavitt, "Food Web Interactions in Alpine Lakes." M-149 Biological Sciences Centre.

MEDICINE

13 November, noon

Bhushan Kapur, director, Clinical Laboratories Addiction Research Foundation, Toronto, "Changes and Trends in Drug Use: A Laboratory Perspective." 2F1.04 Mackenzie Health Sciences Centre.

13 November, noon

Michael McBurney, "Fermentation of Dietary Fibre in the Human Colon: Implications in Normal and Diseased States." SMRI Conference Room.

NURSING

16 November, 4 pm

Verna Huffman Splane, international nursing and health policy consultant, and Richard B Splane, professor emeritus, Social Work, University of British Columbia, "The Impact of Chief Nursing Officers on Health Care Policy." 2-117 Clinical Sciences Building.

PHARMACY AND PHARMACEUTICAL SCIENCES

20 November, 9 am

Urs A Meyer, professor of pharmacology, and chairman, Department of Pharmacology, Biocenter of the University of Basel, Basel, Switzerland, "Pharmacogenetics." Bernard Snell Hall, Mackenzie Health Sciences Centre.

20 November, 10 am to 1:30 pm

Research presentations by students. Bernard Snell Hall, Mackenzie Health Sciences Centre.

PHILOSOPHY

13 November, 3:30 pm

Bela Szabados, University of Regina, "Embarrassments." 5-20 Humanities Centre.

PHYSICS

13 November, 2 pm

James Stiles, Sherritt Gordon Limited, "Physics and Technology of Flat Panel Displays." V121 Physics.

PLANT SCIENCE

17 November, 12:30 pm

Pat Crane, "Decay Fungi and N Requirements." 1-30 Agriculture and Forestry.

19 November, 12:30 pm

Min Doo Hong, "Factors Affecting Forage Quality." 1-30 Agriculture Forestry Centre.

RURAL ECONOMY

16 November, 3:15 pm

Alberto Fantino, "Productivity and Profitability in Prairie Agriculture: Growth Trends and Index Number Problems." 519 General Services Building.

23 November, 3:15 pm

Charles S Mataya, "Effects of Currency Devaluation on the Real Exchange Rate." 519 General Services Building.

SLAVIC AND EAST EUROPEAN STUDIES

16 November, 2 pm

Mikhail Bilinkis, St Petersburg State University, "Studies in Literary Theory at the Outset of the 1960s and the Beginning of Formal Research at Tartu" (lecture will be delivered in Russian). 326 Arts Building.

23 November, 2 pm

Gust Olson, "The Man Who Wasn't There—Biography in the Margin in Tynyanov's 'Podparuchik Kizhe'." 436 Arts Building.

SLAVIC AND EAST EUROPEAN STUDIES AND COMPARATIVE LITERATURE

19 November, 3 pm

Professor Bilinkis, "Thematic Collections of the Tartu School: The Formal Research Crisis in the 1970-80s." Senate Chamber, Arts Building. Lectures in Russian with a simultaneous translation into English.

ST JOSEPH'S COLLEGE

22 November, 2:30 pm

Doris Kieser will present a feminist critique of new reproductive technologies. Further information, 439-2422. Faculty Lounge, St Joseph's College.

SOCIOLOGY

18 November, noon

Alex Matejko, "From State Socialism to Capitalism? The Polish Case in a Comparative Perspective." 5-15 Tory Building.

25 November, noon

Karol Krotki, "The Canadian Society and Economy Through the Eyes of the Chief Statistician of Canada." 5-21 Tory Building. Cosponsored by the Society of Edmonton Demographers.

SOIL SCIENCE

19 November, 12:30 pm

Jinggang Xu, "Below-Ground Transformation and Stabilization of Photosynthetically-Fixed Carbon in Barley-Soil Ecosystems." 2-36 Earth Sciences Building.

26 November, 12:30 pm

John Laidlaw, "Denitrification During the Soil Thaw." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

16 November, 3 pm

Mary-Anne Doherty-Poirier, "What Works—Increasing Student Motivation." 369 CAB.

17 November, 3:30 pm

Lucille Mandin, "Getting to Know Yourself as a University Teacher." 269 CAB.

18 November, 3 pm

Bruce Elman, "Classroom Motivation for the Sesame Street Generation." 369 CAB.

19 November, 3:30 pm

Dale Anderson, "Learning to Learn in the '90s." 269 CAB.

WOMEN'S STUDIES

18 November, 4 pm

Diane Chisholm, "Violence Against Women: An Avant Garde for the Times." Senate Chamber, Arts Building.

WOMEN'S STUDIES AND CENTRE FOR INTERNATIONAL BUSINESS STUDIES

17 November, 3:30 pm

Lynda Peach, manager, Policy, British Columbia and Yukon Industry, Science and Technology Canada, "Canadian Women Doing Business in Asia." 5-20 Humanities Centre.

WOMEN'S STUDIES AND HISTORY

26 November, 4 pm

A panel discussion with Leslie Schwalm, Department of History, University of Iowa, and Susan Smith: "Hidden in Plain Sight: African American Women's History." Senate Chamber, Arts Building.

ZOOLOGY

13 November, noon

Ian McLean, "Training Wild Animals to Recognize Predators." G-208 Biological Sciences Centre.

13 November, 3:30 pm


Bill Kulyk, Department of Anatomy, University of Saskatchewan, "Regulation of Embryonic Limb Cartilage Differentiation: A Role for Protein Kinase C?" M-149 Biological Sciences Centre.

20 November, noon

Ellen MacDonald, "Plants Playing in the Midnight Sun: A Forester's Summer Vacation." G-208 Biological Sciences Centre.

20 November, 3:30 pm

John Post, Department of Biology, University of Calgary, "Fish Recruitment Dynamics: Experiments and Models." M-149 Biological Sciences Centre.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC

COORDINATOR OF PERSONNEL

The Faculty of Nursing invites applications for the position of full-time temporary (10 months or more) Coordinator of Personnel to supervise 18-25 support staff. The successful applicant will have a very strong background in personnel administration. Salary (about \$35,000 to \$45,000 per annum) will be commensurate with background and experience. Applications should be addressed to: Dr Anne Neufeld, Acting Dean, Faculty of Nursing, University of Alberta, Edmonton, Alberta T6G 2G3. Deadline for receipt of applications: 4 pm, Friday, 20 November 1992.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 6 November 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 6 November 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

ACCOUNTS CLERK (Grade 5), Office of the Comptroller - Special Funds and Research Accounting, (\$1,891 - \$2,343)

SECRETARY (Grade 5), Linguistics, (\$1,891 - \$2,343)

MEDICAL STENO (Grade 6), Obstetrics and Gynaecology, (\$2,070 - \$2,580)

EQUIPMENT SUPERVISOR (MANAGER, CAMPUS OUTDOOR CENTRE) (Grade 7) (40-hour week), Support Services, (\$2,576 - \$3,229)

ADMINISTRATIVE ASSISTANT (RESIDENCE LIFE COORDINATOR) (Grade 9), Housing and Food Services, (\$2,636 - \$3,343)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

ACCOUNTS CLERK (Trust/Part-time), Surgical-Medical Research Institute (\$1,067 - \$1,364) (prorated)

SECRETARY (Trust/Part-time), Physics, (\$1,067 - \$1,364) (prorated)

SECRETARY - CLINICAL TRIALS (Trust), Medicine (Cardiology), (\$1,779 - \$2,273)

BIOCHEMISTRY TECHNICIAN I/II (Trust), Biochemistry (\$1,844 - \$2,692)

ANIMAL ASSISTANT I (Trust/Term to 30 June 1993/Part-time), Surgery (\$717 - \$890) (prorated)

TECHNOLOGIST I/II (Trust), Pharmacology, (\$2,273 - \$3,202)

ADS

ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

RENT - Lynnwood, west end, bright, cozy bungalow. Three minutes from Meadowlark Shopping Centre. Immediate. \$900/month. Janet Jenner, Spencer Realty, 435-0808.

RENT - Southwest penthouse, two levels. Luxurious living, breathtaking view of river valley. \$1,600/month. Immediate. Janet Jenner, Spencer Realty, 435-0808.

RENT - Riverbend, Terwillegar, sparkling, two storey, four bedrooms, 2,300', jacuzzi. \$1,500/month, immediate. Janet Jenner, Spencer Realty, 435-0808.

RENT - Central, Glenora, renovated character home. Vaulted ceiling, circular stairs, immediate. \$1,500/month. Janet Jenner, Spencer Realty, 435-0808.

SHARE - Wanted, quiet individual to share house with two others. Rent, \$270/month. Janet Jenner, Spencer Realty, 435-0808.

RENT - Patricia Heights, west end. Furnished, executive, 2,000', immaculate. Quiet, family neighbourhood, garage, beautiful yard, deck, barbecue. January 1993. References required. 436-1385 days, 454-7196 evenings.

SALE - Belgravia, \$138,900, 945' bungalow. Excellent location with south yard, double garage, developed basement. Ed Lastiwka, Royal LePage Realty, 437-7480, 446-3800.

SALE - Malmo Plains. Gorgeous, upgraded, open-beam bungalow, approximately 1,200'. Bright, spacious home with professionally finished basement. Excellent, quiet loca-

tion. Call now. Star Gendron, Re/Max Real Estate, 484-5200, 446-7421.

RENT - Old Strathcona, one bedroom apartment, 1,300' plus. European kitchen, convection oven, refrigerator/ice maker, skylights, jacuzzi, solarium, hardwood floors, accents. Intercom, private entrance, wood burning stove. \$970. View, 433-2269.

SALE - Ironwood Place: Quiet, 1,400 square foot half duplex bungalow near the Derrick golf course; has two bedrooms, two baths and eight appliances! \$179,900. Call Lori Silverton, Spencer Realty, 435-0808.

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. All inquiries welcome, 492-7044.

RENT - Furnished three bedroom house, 1 January - 30 June, six-minute drive to University, \$900/month, 455-5532.

RENT - 108 Avenue and 134 Street. Immaculate, two plus one bedrooms, two baths. Hardwood floors, blinds/drapes, four appliances, single detached garage, attractive yard. References, no smokers/dogs. \$925/month. 486-5570.

RENT - House, Mill Creek ravine, NW section. Three bedrooms, fridge, stove, washer/dryer, garage. \$725/month. Available December. 439-2303.

SALE - Eton Park condo. Near LRT. Huge main bedroom. Two baths, laundry, vacuum system. Underground parking. Large reserve. Low fees. \$125,900. Agnes Fisher, Re/Max Realty, 438-1575, 466-4070.

SALE - Investors or first timers: three bedroom townhouses. New flooring, free condo fees first year. Five percent down. Get off the rent treadmill forever. \$73,900. Agnes Fisher, Re/Max Realty, 438-1575.

SALE - Nicest basement suite you'll ever see in this two bedroom bungalow. \$119,900. Agnes Fisher, Re/Max Real Estate, 438-1575.

RENT - Two bedroom suite, first floor of house in Old Strathcona. Suite is newly renovated, extremely quiet, walking distance to University. Looking for clean, quiet, nonsmoking female. Georgina, 433-1479, 424-2317.

SALE - Exceptional three bedroom, large bungalow, fully finished basement, alarm system, intercom, three full bathrooms, double detached heated garage. Walk to University, ravine. Joan Lynch, Re/Max Real Estate, 433-9025, 438-7000.

SALE - Saskatchewan Drive, only \$267,000. Great view, large, bright bungalow, huge lot. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

SALE - By owner, Belgravia, brand-new, luxury condo. 1,245', two bedrooms, two full baths, fireplace, fenced yard. Small pets allowed, security system. \$149,000. 482-5740.

ACCOMMODATIONS WANTED

PROFESSOR NEEDING HOUSE (three bedroom) for rent close to University from December to June. 955-7008.

MATURE, UNIVERSITY EMPLOYEE available to housesit. Previous experience. Phone Joanna, 433-8668 or 492-6365.

VISITING NORWEGIAN SCIENTISTS wish to rent furnished four bedroom, two bathroom house, University area. January 1993 to December 1994. Patty, 453-8073.

GOODS FOR SALE

CASH PAID FOR APPLIANCES, 432-0272.

VITA-MIX, cadillac of blenders, comes complete with video and cookbook. \$350 obo. Call Sue, 454-5301 after 5 pm.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

AD HOC - Word processing/laser medical/general transcription, cv's/résumés, theses, etc. 451-3315.

COMPUTERIZED LITERATURE SEARCHING - Expert information retrieval by experienced scientist. All areas. Requests accepted by phone. No red tape! Competitive rates. Satisfaction guaranteed. JL Citation Services, 487-8652.

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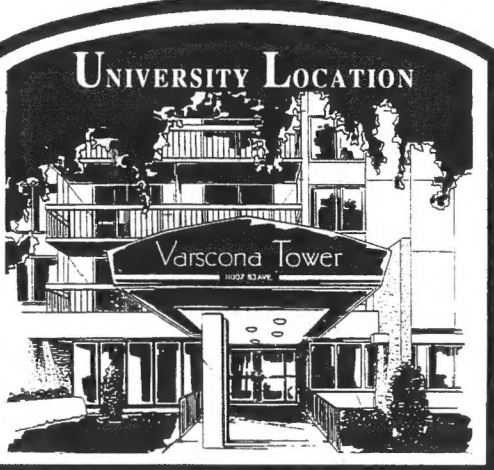
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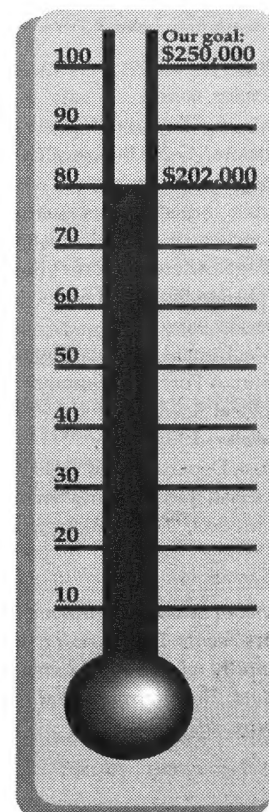
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